



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO.: 60.1523	SERIAL NO.: 10/730,797
		APPLICANT: HURLIMANN et al.	EXAMINER:
		FILING DATE: December 9, 2003	GROUP: 2862

U.S. PATENT DOCUMENTS

Exam Init.	Document Number	Date	Name	Class	Sub- class	Filing date if appropriate
<i>B</i>	3,484,680	12/16/69	Hurlbert	324	0.5	5/25/67
<i>B</i>	3,657,730	4/18/72	Robinson et al.	324	0.5	1/14/70
<i>B</i>	3,775,671	11/27/73	Brown	324	0.5R	7/3/72

FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	Date	Country	Class	Sub- class	Translation	
						Yes	No
<i>B</i>	925,630	5/8/63	Great Britain	37	A18		
<i>B</i>	1,002,540	8/25/65	Great Britain	G1	N		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	Bryar et al. Paramagnetic Effects of Iron(III) Species on Nuclear Magnetic Relaxation of Fluid Protons in Porous Media. Journal of Magnetic Resonance 142 (2000), pp. 74-85

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HURLIMANN, Martin D. et al.

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U.S. PATENT DOCUMENTS

Exam Init.	Document Number	Date	Name	Class	Sub- class	Filing date if appropriate
B	5,023,551	06/11/91	Kleinberg et al.	324	303	12/198/89
I	5,055,787	10/08/91	Kleinberg et al.	324	303	12/05/89
I	5,055,788	10/11/91	Kleinberg et al.	324	303	12/05/89
I	5,153,514	10/06/92	Griffin et al.	324	303	02/19/91
I	5,796,252	08/18/98	Kleinberg et al.	324	303	01/15/97
I	6,462,542	10/08/02	Venkataramanan et al.	324	303	07/20/01
I	6,522,136	02/18/03	Hurlimann et al.	324	303	03/20/00
B	6,570,382	05/27/03	Hurlimann et al.	324	303	11/28/00

FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	Date	Country	Class	Sub- class	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

B	1	Hurlimann, M. D. et al. "Quantitative Measurement of Two-Dimensional Distribution Functions of Diffusion and Relaxation in Grossly Inhomogeneous Fields". <i>J. Mag. Reson.</i> , Vol. 157, pp. 31-42 (2002).					
I	2	Hurlimann, M. D. et al. "Diffusion-Editing: New NMR Measurement of Saturation and Pore Geometry". <i>SPWLA, 43rd Annual Logging Symposium, Paper FFF</i> , pp. 1-14 (June 2002).					
I	3	Hurlimann, M. D. et al. "The Diffusion-Spin Relaxation Time Distribution Function as an Experimental Probe to Characterize Fluid Mixtures in Porous Media". <i>J. Chem. Phys.</i> , Vol. 117, No. 22, pp. 10223-10232 (December 2002).					
B	4	Hurlimann, M. D. et al. "Diffusion-Relaxation Distribution Functions of Sedimentary Rocks in Different Saturation States". <i>ELSEVIER, Magnetic Resonance Imaging</i> , Vol. 21, pp. 305-310 (2003)					

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